

PATENT

Attorney's Matter No. P0305

Receipt

#3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Art Unit: 2131

Conf. No.: 7386

Geoffrey B. Rhoads

Application No.: 09/776,021

Filed: February 2, 2001

For: STEGANOGRAPHIC MESSAGING
THROUGH IMAGERY

Examiner:

Date: June 7, 2001

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on June 7, 2001, as First Class Mail in an envelope addressed to: OFFICE OF INITIAL PATENT EXAMINATION'S CUSTOMER SERVICE CENTER/ ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON D.C. 20231.

William Y. Conwell
Attorney for Applicant

REQUEST FOR CORRECTED FILING RECEIPT

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WASHINGTON, DC 20231

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Please provide a corrected filing receipt in the following respect:

Under continuing data,

Please delete Lines 2 through 13 and add the following:

- Which claims priority to 09/172,324 10/13/1998 PAT 6,064,737
- Which claim priority to 08/637,531 4/25/1996 PAT 5,822,436
- Application 08/637,531
- Claims priority to 08/534,005 9/25/1995 PAT 5,832,119
- And claims priority to 08/512,993 8/9/1995 ABN
- And claims priority to 08/508,083 7/27/1995 PAT 5,841,978
- And claims priority to 08/436,102 5/8/1995 PAT 5,748,783
- And claims priority to PCT/US94/13366 11/16/1994
- And claims priority to 08/327,426 10/21/1994 PAT 5,768,426
- And claims priority to 08/215,289 3/17/1994 ABN
- And claims priority to 08/154,866 11/18/1993 -- ABN

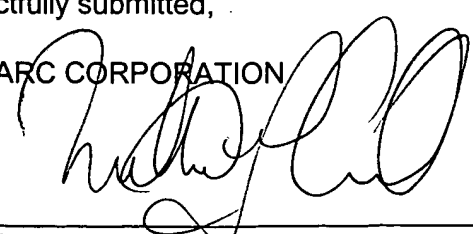
Enclosed is the following supporting documentation: Copy of the incorrect filing receipt with changes noted thereon, first page of the patent application, and application data sheet all reflecting the correct continuing data.

Respectfully submitted,

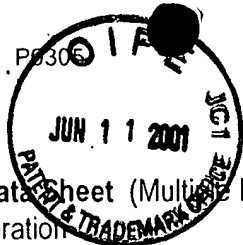
DIGIMARC CORPORATION

Date: June 7, 2001

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By 
William Y. Conwell
Registration No. 31,943

#3



Application Data Sheet (Multiple Inventors with Representation, Continuity and Priority)
Digimarc Corporation

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Application Information

Title Line One:: STEGANOGRAPHIC MESSAGING THROUGH IMAGERY
Total Drawing Sheets:: 28
Application Type:: Utility
Docket Number:: P0305

Representative Information



23735

PATENT TRADEMARK OFFICE

Representative Customer Number:: 23735

Continuity Information

This application is a :: Division of
> Application One:: 09/479,304
Filing Date:: January 6, 2000
Patent Number

Which:: Claims priority to
>> Application Two:: 09/172,324
Filing Date:: October 13, 1998
Patent Number 6,064,737

Which:: Claims priority to
>>> Application Three:: 08/637,531
Filing Date:: April 25, 1996
Patent Number 5,822,436

Application three:: Claims priority to
> Application Four:: 08/534,005
Filing Date:: September 25, 1995
Patent Number 5,832,119

And:: Claims priority to
>>> Application Five:: 08/512,993
Filing Date:: August 9, 1995 (abandoned)

And:: Claims priority to
>>> Application Six:: 08/508,083
Filing Date:: July 27, 1995
Patent Number:: 5,841,978

And:: Claims priority to
>>> Application Seven:: 08/436,102
Filing Date:: May 8, 1995
Patent Number:: 5,748,783

And:: Claims priority to
>>> Application Eight:: PCT/US94/13366
Filing Date:: November 16, 1994

And:: Claims priority to
>>> Application Nine:: 08/327,426
Filing Date:: October 21, 1994
Patent Number:: 5,768,426

And:: Claims priority to
>>> Application Ten:: 08/215,289
Filing Date:: March 17, 1994 (abandoned)

And:: Claims priority to
>>> Application Eleven:: 08/154,866
Filing Date:: November 18, 1993 (abandoned)



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STEGANOGRAPHIC MESSAGING THROUGH IMAGERY

RELATED APPLICATION DATA

5 This application is a division of application 09/479,304, filed January 6, 2000, which claims priority to application 09/172,324, filed October 13, 1998 (now U.S. Patent 6,064,737), which claims priority to application 08/637,531, filed April 25, 1996 (now U.S. Patent 5,822,436). Application 08/637,531 claims priority to applications 08/534,005, filed September 25, 1995 (now U.S. Patent 5,832,119); 08/512,993, filed August 9, 1995 (now abandoned); 08/508,083, filed July 27, 1995 (now U.S. Patent 5,841,978); 08/436,102, filed May 8, 1995 (now U.S. Patent 5,748,783); PCT/US94/13366, filed November 16, 1994; 08/327,426, filed October 21, 10 1994 (now U.S. Patent 5,768,426); 08/215,289, filed March 17, 1994 (now abandoned); and 08/154,866, filed November 18, 1993 (now abandoned). Priority under 35 USC Section 120 is claimed to each of these prior applications, and each is incorporated herein by reference.

TECHNICAL FIELD

15 The present invention relates to images (e.g., photographs, medical imagery, etc.), and more particularly relates to images that convey steganographic messages.

SUMMARY OF THE INVENTION

20 According to one aspect of the invention, a photograph is encoded with a steganographic message. This message serves to identify a corresponding record in a database, which database record details information relating to the photograph (e.g., the photographer's name).

According to another aspect, a photocollage is formed of plural photographic images, each encoded with a different steganographic message. Each steganographic message serves to associate a photograph with corresponding information (again, e.g., the corresponding photographer's name).

25 According to yet another aspect, medical imagery is embedded with a steganographic message that aids in authentication of the image.

The foregoing and other features and advantages will be more readily apparent from the following detailed description, which proceeds with reference to the accompanying drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

30 FIG. 1 is a simple and classic depiction of a one dimensional digital signal which is discretized in both axes.

FIG. 2 is a general overview, with detailed description of steps, of the process of embedding an "imperceptible" identification signal onto another signal.

35 FIG. 3 is a step-wise description of how a suspected copy of an original is identified.



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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/776,021	02/02/2001	2131	1302	P0305	28	44	5

CONFIRMATION NO. 7386

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FILING RECEIPT



OC00000006011877

Date Mailed: 04/26/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Geoffrey B. Rhoads, West Linn, OR; ✓

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A DIV OF 09/479,304 01/06/2000
WHICH IS A DIV OF 09/172,324 10/13/1998 PAT 6,064,737
WHICH IS A DIV OF 08/637,531 04/25/1996 PAT 5,822,436
THIS APPLICATION 09/776,021 08/637,531
IS A DIV OF 08/534,005 09/25/1995 PAT 5,832,119
AND A DIV OF 08/512,993 08/09/1995 ABN
AND A DIV OF 08/508,083 07/27/1995 PAT 5,841,978
AND A DIV OF 08/436,102 05/08/1995 PAT 5,748,783
WHICH IS A 371 OF PCT/US94/13366 11/16/1994
THIS APPLICATION 09/776,021
AND IS A DIV OF 08/327,426 10/21/1994 PAT 5,768,426
AND A DIV OF 08/215,289 03/17/1994 ABN
AND A DIV OF 08/154,866 11/18/1993 ABN

Foreign Applications

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APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
09/776,021	02/02/2001	Geoffrey B. Rhoads	P0305

CONFIRMATION NO. 7386

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Date Mailed: 10/09/2001

RESPONSE TO REQUEST FOR CORRECTED FILING RECEIPT**Claims, Fees, Inventors and Continuity**

In response to your request for a corrected Filing Receipt, the Office is unable to comply with your request because:

- ☐ The total number of claims appearing on the Filing Receipt does not include multiple dependent claims. The total fee appearing on the Filing Receipt includes the cost of multiple dependent claims that were present at the time the application was filed.
- ☐ The filing fee is correct. It includes the surcharge under 37 CFR 1.16(e) for filing an oath/declaration or basic filing fee after the application filing date.
- ☐ The inventor information may be truncated if the family name consists of more than 50 characters (letters and spaces combined) and if the given name consists of more than 50 characters (letters and spaces combined). The inventor's residence allows for up to 40 characters (letters and spaces combined).
- ☐ The docket number allows a maximum of 25 characters.
- ☒ Continuity claimed under 35 USC 120 cannot be added to the Filing Receipt without supplying the relationship (i.e. continuation, divisional...).
- ☐ Foreign priority will appear on the Filing Receipt in the following order:
Country, Application number, Filing date.
- ☐ The person signing on behalf of the deceased inventor will be reflected on your Filing Receipt as the legal representative.
- ☐ Only one character per space is allowed. Therefore, punctuation which is usually placed above or below a letter, such as an umlaut (..), cannot be included on the Filing Receipt.

Any corrections that may need to be done to your Filing Receipt should be directed to:

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R.B.

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Initial Patent Examination Division (703) 308-1202

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